

# left/RIGHT Electronic Hearing Protection

## FM Pro, Helmet-mounted Ear Muff

### Specifications



# left/RIGHT<sup>®</sup> Muffs

P/N	Description
10111829	Muff, left/RIGHT, FM Pro, Helmet-mount, blue

### Key Anatomic Features

- › Individual ear cups for left and right ears
- › Large space for ears inside ear cups offers long-wear comfort
- › Anatomically-designed muffs fit head contours
- › Innovative headband design provides optimal fit and comfort
- › Unique steel spring helmet attachment system enables three stable ear cup positions and ease of handling when wearing gloves

### Key Technical Features

- › FM radio allows wearers to listen to music, news, and sports while maintaining hearing protection
- › Individual balance adjustment between level-dependent and FM radio functions
- › Excellent radio reception and superior sound quality
- › Speaker audio is limited to maximum of 82 dB
- › Easy-to-use pushbuttons operate electronic functions
- › Automatic switch-off saves battery life if no button activates within 4 hours
- › Low battery warning
- › Audio input 3.5 mm (AUX) for .mp3, communication radios, etc.

### Technical Information

Materials	<ul style="list-style-type: none"><li>• Cup supporting arm: PA</li><li>• Spring bracket: PA</li><li>• Spring cover: TPE</li><li>• Insert/liner: PE foam</li><li>• Pushbuttons: silicone</li><li>• Cushion: PVC-covered PU</li><li>• Height adjustment bushings: TPE</li><li>• Cups: ABS</li></ul>
Batteries	2 x 1.5 V AA/LR6 estimated operating time is approximately 300 hours, depending upon usage and battery quality.
Radio frequency range	88 - 108 MHz
Speaker response	20 Hz - 20 KHz
Operating conditions	-4°F to 122°F (-20°C to 50°C)
Maximum audio input not to exceed 82 dB(A) through speakers	1767 mVrms (rms=root mean square of signal strength)
Weight	342 grams / 12 oz (excluding batteries)
Hygiene Kit	10094605

## Approvals

### Cap Mount

#### ANSI Approvals

Tested to ANSI S3.19-1974 by Michaels & Associates, Inc, USA. Test Report #Q2437A.

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Means	13.6	15.9	25.5	34.1	35.4	36.2	40.1	38.9	38.4
Standard deviation	2.4	1.8	2.8	3.5	2.7	3	2.9	1.8	3.5

NRR = 20 db

**Note:** This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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